FILE 'BIOTECHNO, CONFSCI, BIOTECHDS, JAPIO' ENTERED AT 09:48:38 ON 07 MAY 2002

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L1       326633 S (BACTER? OR MICROB?)
L2         9476 S L1 AND (GRANULE? OR CRYSTAL?)
L3          519 S L2 AND (IMMOBILIS? OR IMMOBILIZ?)
L4            5 S L3 AND DEHYDRAT?
L5           62 S L3 AND POLYMER?
L6           88 S L3 AND BIOSENS?
L7           47 S L3 AND SENSOR?
L8          104 S L6 OR L7
L9           20 S L5 AND L8
L10       23358 S L1 AND (BEAD? OR PARTIC?)
L11        2493 S L10 AND (IMMOBILIS? OR IMMOBILIZ?)
L12          12 S L11 AND DEHYDRAT?
L13         106 S L11 AND (BIOSENS? OR SENSOR?)
L14         336 S L11 AND POLYMER?
L15          18 S L13 AND L14
L16          17 S L15 NOT L9
L17       32003 S L2 OR L10
L18        1510 S L17 AND (SEWAGE? OR SLUDGE? OR WASTEWATER?)
L19         203 S L18 AND (IMMOBILIZ? OR IMMOBILIS?)
L20           1 S L19 AND (BIOSENS? OR SENSOR?)
L21          22 S L19 AND POLYMER?
L22          21 S L17 AND MLSS
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FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 09:57:58 ON 07 MAY 2002

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L23      183304 S (BACTER? OR MICROB?)(P)(GRANUL? OR CRYSTAL? OR PARTIC? OR BEA
L24        4722 S L23 AND (IMMOBILIS? OR IMMOBILIZ?)
L25          12 S L24 AND DEHYDRAT?
L26           9 DUPLICATE REMOVE L25 (3 DUPLICATES REMOVED)
L27         667 S L24 AND POLYMER?
L28         676 S L24 AND (SENSOR? OR BIOSENS?)
L29         117 S L27 AND L28
L30          75 DUPLICATE REMOVE L29 (42 DUPLICATES REMOVED)
L31          34 S L23 AND MLSS
L32          15 DUPLICATE REMOVE L31 (19 DUPLICATES REMOVED)
L33         560 S L24 AND (SEWAGE? OR SLUDGE? OR WASTEWATER?)
L34          81 S L33 AND POLYMER?
L35          14 S L33 AND (SENSOR? OR BIOSENS?)
L36           9 DUPLICATE REMOVE L35 (5 DUPLICATES REMOVED)
L37          63 DUPLICATE REMOVE L34 (18 DUPLICATES REMOVED)
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	135209	microbe or microbial or bacteria or bacetrium or bacterial	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 11:02	
2	BRS	L2	19227	1 and (granule or particle or particular or bead or microbead or crystal)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:46	
3	BRS	L3	10841	1 same (granule or particle or particular or bead or microbead or crystal)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:50	
4	BRS	L5	1024	3 and (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:47	
5	BRS	L6	33	5 and (dehydrate or dehydration)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:48	
6	BRS	L7	196	5 and (sensor or biosensing or biosensor)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:48	
7	BRS	L8	611	5 and (polymer or polymeric)	US-PGPUB; EPO; JPO; DERWENT	2002/05/07 10:48	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
8	BRS	L9	174	7 and 8	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:49	
9	BRS	L10	3	5 and mlss	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:49	
10	BRS	L11	57	5 and (sludge or wastewater or sewage)	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:50	
11	BRS	L12	322	1 same ((granule or particle or particular or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised))	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 11:02	
12	BRS	L13	22	12 and 7	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:55	
13	BRS	L16	2	6 and 12	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:56	
14	BRS	L17	33	11 and 12	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 10:56	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
15	BRS	L18	249	microorganism same ((granule or particle or particular or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised))	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 11:01	
16	BRS	L19	200	18 not 12	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 11:01	
17	BRS	L20	0	19 and (6 or 7 or 11)	US-P GPUB ; EPO; JPO; DERW ENT	2002/05/0 7 11:01	
18	BRS	L22	123034	microbe or microbial or bacteria or bacetrium or bacterial or microorganism	USPA T	2002/05/0 7 11:02	
19	BRS	L24	707	22 same ((granule or particle or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised))	USPA T	2002/05/0 7 11:09	
20	BRS	L25	4	24 and mlss	USPA T	2002/05/0 7 11:04	
21	BRS	L26	100	24 and (sludge or wastewater or sewage)	USPA T	2002/05/0 7 11:05	
22	BRS	L27	62	24 and (sensor or biosensor or biosensing)	USPA T	2002/05/0 7 11:05	
23	BRS	L28	53	24 and (dehydrate or dehydration)	USPA T	2002/05/0 7 11:05	
24	BRS	L29	18	26 and (27 .or 28)	USPA T	2002/05/0 7 11:05	
25	BRS	L30	7	27 and (26 or 28)	USPA T	2002/05/0 7 11:05	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
26	BRS	L31	15	28 and (26 or 27)	USPAT	2002/05/07 11:05	
27	BRS	L32	20	29 or 30 or 31	USPAT	2002/05/07 11:08	
28	BRS	L33	55	27 not 32	USPAT	2002/05/07 11:08	
29	BRS	L35	16	22 same (((granule or particle or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised) same (sludge or sewage or wastewater)))	USPAT	2002/05/07 11:11	
30	BRS	L34	11	22 same (((granule or particle or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised) same (biosensor or biosensing or sensor or dehydrate or dehydration)))	USPAT	2002/05/07 11:11	